

ICS 65.020.20

SB

**INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

SB/T 10681-2012

**Technical requirements for information communication for meat
and vegetable distribution traceability system**
(English Translation)

Issued on: January 1, 2012

Implemented on: June 1, 2012

Issued by: Ministry of Commerce of the People's Republic of China

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Foreword

This standard is proposed and centralized by the Ministry of Commerce of the People's Republic of China.

The drafting of this standard unit. China Agricultural University.

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Meat Vegetable Circulation Traceability System Information Transmission Technical Requirements

1 Scope

This standard specifies the basic technical requirements for the transmission of meat and vegetable circulation traceability systems.

This standard applies to the construction of meat and vegetable circulation traceability system.

2 Normative reference documents

The following documents are indispensable for the application of this document. For dated references, only the dated edition applies to this article. For undated references, the latest edition (including all modifications) applies to this document.

GB/T 17153-2011 General principles of interworking between public networks and between public networks and other networks providing data transmission services
GB/T 17973-2000 Information technology systems Telecommunication and information exchange over the Internet Transmission Control Protocol (TCP) Use OSI applications
GB/Z 20177.4-2006 Control network LONWORKS specification - Part 4. Tunneling based on IP channels
Transmission control network protocol specification
GB/T 11590-2011 International data transmission services and optional user facilities for public data networks and ISDN networks

3 Terms and definitions

The following terms and definitions apply to this document.

Information transmission Information transmission the command or status information is channeled from one end to the other and received by the other party, including transmission and reception. The transmission medium is divided into Line and wireless two, wired for the Internet or private network; wireless means GPRS/WIFI/3G/WSN and so on.

Virtual private network Public telecommunication network operators use the resources of the public telecommunication network to provide customers with a network with special network features and functions.

Secure Socket Layer Secure Socket Layer Network communication provides a security protocol for security and data integrity.

Hypertext transfer security protocol Hypertext Transfer Protocol over Secure Socket Layer an information transmission protocol, its security foundation is SSL, is the security of the target HTTP channel, that is, under the HTTP protocol to join SSL layer, which is a URI scheme (abstract identifier system), its syntax is similar to the HTTP system.

Web services Web service by the enterprise to complete the specific business needs of its online application services, other companies or applications can visit the Internet and use this online service.